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BEFORE THE BOARD OF PATENT APPEALS
AND INTERFERENCES

Application Number: 10/674,127
Filing Date: September 29, 2003
Appellant(s): DEVORE ET AL.

Lyle E. Devore. Jr.,
For Appellant

EXAMINER'S ANSWER

This is in response to the appeal brief filed 8/7/07 appealing from the Office action mailed

2/7/07.

(1) Real Party in Interest

A statement identifying by name the real party in interest is contained in the brief.

(2) Related Appeals and Interferences

The examiner is not aware of any related appeals, interferences, or judicial proceedings which will directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

(3) Status of Claims

The statement of the status of claims contained in the brief is correct.

(4) Status of Amendments After Final

The appellant's statement of the status of amendments after final rejection contained in the brief is correct.

(5) Summary of Claimed Subject Matter

The summary of claimed subject matter contained in the brief is correct.

(6) Grounds of Rejection to be Reviewed on Appeal

The appellant's statement of the grounds of rejection to be reviewed on appeal is correct.

(7) Claims Appendix

The copy of the appealed claims contained in the Appendix to the brief is correct.

(8) Evidence Relied Upon

2002/0052954	Polizzi et al.	5-2002
2002/0186257	Cadiz et al.	12-2002

(9) Grounds of Rejection

The following ground(s) of rejection are applicable to the appealed claims:

Claims 10-11, 16-18, 20-23, 25-30, 34-41,43-44 and 48-70 are rejected under 35 U.S.C.

103(a) as being unpatentable over Polizzi et al. ("Polizzi" US Patent Application Publication No.

2002/0052954) in view of Cadiz ("Cadiz" US Patent Application Publication No.

2002/0186257):

Regarding independent claim 10, Polizzi teaches a computer-based system for presenting

a selected one of a plurality display screens (i.e. [0022] of Polizzi : " user may request, during the

same session ... a figure corresponding to the user's request", "the portal system has the ability to

simultaneously perform each of these tasks and present this data to the user with a single

interface") comprising: means for accessing a plurality of information sources (i.e. [0047] of

Polizzi : "variety of content retrieved from a variety of different computer systems", "one or

more back end databases" [0004], [0020], "more than one information source may be configured

in the portal");

means for generating a plurality of display screens (i.e. [0004] of Polizzi : "presents data

to a user in an object called a portal page"; [0022] of Polizzi : "the portal system has the ability to

simultaneously perform each of these tasks and present this data to the user with a single

interface"), each display screen including at least one control (i.e. "portal object may contain a

set of links corresponding to ... jobs" [0006], "hypertext links to navigate through the portal

system" [0020]), each control having at least one function associated therewith (i.e. [0020] of

Polizzi : "clicking on that job will cause the job to be executed" [0006], "provide instructions to

the portal system"); means for selecting one of said plurality of display screens for display (i.e.

[0006] of Polizzi : " if the link is directed to a job stored within the portal system, then clicking

on that job will cause the job to be executed", [0030] of Polizzi : "a user can select content to be

displayed in the display window by selecting an appropriate link"); means for selectively

activating a status indicator on said selected one of said plurality of display screens (i.e. [0028]

of Polizzi : "a user may configure his portal page to provide a dynamically updated portal page

which displays the status of an exception condition") based on information located in at least

one of said information sources (i.e. test for exceptions present when querying properties in

database [0066], data retrieved from back-end database to see if notifications or exception

conditions are present [0094]) and on at least one status indicator threshold (i.e. [0052] of Polizzi

: "exceptions are conditions that appear in the output of a job that require some ... threshold to

monitor"); means responsive to a control on said selected one of said plurality of display

screens, for invoking a function associated with said control upon activation of said control (i.e.

[0030] of Polizzi : "a user can select content to be displayed in the display window by selecting

an appropriate link").

Polizzi does not teach a display screen including at least one status indicator associated

with a status indicator threshold. Cadiz teaches each display screen including at least one status

indicator associated with a status indicator threshold (i.e. [0017] of Cadiz : "The system and

process of the present invention then either automatically tracks or receives the current state of

the information and communications contacts described by the tickets, and dynamically provides

current information as well as availability and status of the communications contacts in an

interactive "peripheral awareness" interface for displaying the items."). It would have been

obvious to an artisan at the time of the invention to combine the status indicator threshold of

Cadiz with the computer-based display screen system of Polizzi in order to "display information

and/or communications contacts in such a way as to minimize any potential distraction or
interruption to the user ([0017] of Cadiz).

Cadiz further teaches means for linking an intermediate datasource to at least one
additional information source (i.e. [0024] of Cadiz : "Consequently, the customizable ticket
includes instructions for using a "service" for linking to the remote server hosting the electronic
file such that the can collect the statistical information as it becomes available"; [0080] of Cadiz :
"Consequently, the customizable ticket 210 for watching or tracking the electronic file that the
user is interested in includes instructions for using one or more of the services 230 for linking or
connecting to the electronic file"), and wherein at least one of said plurality of information
sources is an intermediate datasource (i.e. [0088] of Cadiz "communicate or interact with a
particular information source or sources 240 so that such items can successfully retrieve, receive,
or interact with information from any such sources").

Regarding dependent claim 11, see the analysis of claim 10 above. Cadiz, in combination
with Polizzi teaches a computer-based system for presenting a selected one of a plurality of
display screens in accordance with claim 10, further comprising means for user authentication
(i.e. [0024] of Polizzi : "the authentication server is used to determine if a particular user should
be granted access to the portal system") for controlling access to predetermined information
sources (i.e. [0040] of Polizzi : "connect to various service agents in the portal system") based
on user identification information (i.e. [0040] of Polizzi : "checks the user's credentials and either
allows or disallows the user to connect").

Regarding dependent claim 16, see the analysis of claim 10 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting a selected one of a plurality of display screens in accordance with claim 10, wherein said function is an operation selected from the group consisting of a hyperlink (i.e. seen specifically in [0004] and [0006] of Polizzi), a script (i.e. seen specifically in [0050] of Polizzi), a program (i.e. seen specifically in [0004] and [0006] of Polizzi), and a query (i.e seen specifically in [0050] and [0066] of Polizzi).

Regarding dependent claim 17, see the analysis of claim 10 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting a selected one of a plurality of display screens in accordance with claim 10, a plurality of status indicator thresholds (i.e. [0005] of Polizzi "allows a user to configure one or more exception conditions") are associated with a single status indicator (i.e. [0005] of Polizzi : " indicate when some element"; [0017] of Cadiz : "The system and process of the present invention then either automatically tracks or receives the current state of the information and communications contacts described by the tickets, and dynamically provides current information as well as availability and status of the communications contacts in an interactive "peripheral awareness" interface for displaying the items."), and wherein said means for selectively activating a status indicator on said selected one of said plurality of display screens differentially activates said status indicator depending on a relationship between said information located in at least one of said information sources and a corresponding one of said plurality of status indicator thresholds (i.e. test for exceptions present when querying properties in database [0066] of Polizzi, data retrieved from back-end database to

see if notifications or exception conditions are present [0094] of Polizzi).

Regarding dependent claim 18, see the analysis of claim 10 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting a selected one of a plurality of display screens in accordance with claim 10, wherein said status indicator is capable of displaying more than two status indications (i.e. [0031] of Polizzi • "a user may add more than one indicator to the exception dashboard").

Regarding dependent claim 20, see the analysis of claim 10 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting a selected one of a plurality of display screens in accordance with claim 10, further comprising means, responsive to activation of said control (i.e. [0030] of Polizzi : "a user can select content to be displayed in the display window by selecting an appropriate link"), for displaying information based on information obtained from at least one of said plurality of information sources (i.e. [0004] of Polizzi : "variety of content retrieved from a variety of different computer systems"; [0020] of Polizzi : "one or more back end databases"; [0047] of Polizzi : " more than one information source may be configured in the portal"), in a display region (i.e. [0030] of Polizzi : "displayed in the display window by selecting an appropriate link") of said display screen (i.e. [0070] of Cadiz : "can be thought of, at least in a general sense as a region provided on a display device where items can be placed, displayed or rendered, and within which users can interact with the items").

Regarding dependent claim 21, see the analysis of claim 10 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting a selected one of a plurality of display screens in accordance with claim 10, further comprising means, responsive to activation of said control (i.e. [0030] of Polizzi : "a user can select content to be displayed in the display window by selecting an appropriate link"), for displaying information based on information obtained (i.e. [0005] of Polizzi : "converting data from back-end databases ... are stored within the portal system in a computer memory device called a repository"; "computer files, known as objects, are stored in the repository" [0038]) from said intermediate data source (i.e. [0088] of Cadiz : "communicate or interact with a particular information source or sources 240 so that such items can successfully retrieve, receive, or interact with information from any such sources"), in a display region (i.e. [0030] of Polizzi : "displayed in the display window by selecting an appropriate link") of said display screen (i.e. [0070] of Cadiz : "can be thought of, at least in a general sense as a region provided on a display device where items can be placed, displayed or rendered, and within which users can interact with the items").

Regarding dependent claim 22, see the analysis of claim 21 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting a selected one of a plurality of display screens in accordance with claim 21, wherein said means for linking said intermediate data source (i.e. [0024] of Cadiz "Consequently, the customizable ticket includes instructions for using a "service" for linking to the remote server hosting the electronic file such that the can collect the statistical information as it becomes available"; [0080] of Cadiz : "Consequently, the customizable ticket 210 for watching or tracking the electronic file that the user is interested in

includes instructions for using one or more of the services 230 for linking or connecting to the electronic file") to at least one additional information source (i.e. [0041] of Polizzi : "electronically connected to ... the repository and at least one back-end database") obtains information from said at least one additional information source and stores said thus obtained information in said intermediate data source (i.e. [0005] of Polizzi : "converting data from back-end databases ... are stored within the portal system in a computer memory device called a repository"; [0038] of Polizzi : "computer files, known as objects, are stored in the repository").

Regarding dependent claim 23, see the analysis of claim 21 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting a selected one of a plurality of display screens in accordance with claim 21, wherein said means for linking said intermediate data source (i.e. [0024] of Cadiz• " Consequently, the customizable ticket includes instructions for using a "service" for linking to the remote server hosting the electronic file such that the can collect the statistical information as it becomes available"; [0080] of Cadiz : "Consequently, the customizable ticket 210 for watching or tracking the electronic file that the user is interested in includes instructions for using one or more of the services 230 for linking or connecting to the electronic file") to at least one additional information source (i.e. [0041] of Polizzi • "electronically connected to ... the repository and at least one back-end database") periodically obtains information from said at least one additional information source and stores said thus periodically obtained information in said intermediate datasource (i.e. [0005] of Polizzi : "converting data from back-end databases ... are stored within the portal system in a computer

memory device called a repository"; [0038] of Polizzi • " computer files, known as objects, are

stored in the repository").

Regarding independent claim 25, Polizzi teaches a computer-based system (i.e. [0004] of

Polizzi : "the computer system may also be referred to as a portal system") for presenting an

information display screen (i.e. Fig. 10, [0004] of Polizzi : "presents data to a user in an object

called a portal page"), comprising a computer (i.e. [0024] of Polizzi : "standard computer"), an

interface device adapted to connect said computer to a plurality of information sources (i.e.

[0004] of Polizzi : "variety of content retrieved from a variety of different computer systems";

[0020] of Polizzi : "one or more back end databases"; [0047] of Polizzi :" more than one

information source may be configured in the portal") including an intermediate datasource (i.e.

[0005] of Polizzi : "converting data from back-end databases ... are stored within the

portalsystem in a computer memory device called a repository"; [0038] of Polizzi : "computer

files, known as objects, are stored in the repository"), a data link for providing a link between an

information source and an intermediate datasource so that information in an information source

can be provided to said intermediate datasource (i.e. [0041] of Polizzi : "electronically connected

to ... the repository and at least one back-end database"), a computer readable medium

containing computer executable code for generating a display screen on said computer (i.e.

[0004] of Polizzi : "presents data to a user in an object called a portal page"), said display screen

including at least one control (i.e. [0006] of Polizzi : "portal object may contain a set of links

corresponding to ... jobs"; i.e. [0020] of Polizzi : "hypertext links to navigate through the portal

system"), each said at least one control having at least one function associated therewith (i.e.

[0006] of Polizzi : "clicking on that job will cause the job to be executed"; [0020] of Polizzi : "

provide instructions to the portal system"), said display screen including at least one status

indicator (i.e. [0025] of Polizzi : "reflect an up-to-the-minute status of the corresponding

aspect"; [0028] of Polizzi : "dynamically updated portal page which displays the status"); and

wherein said computer readable media containing computer executable code additionally

includes computer executable code for selectively activating said status indicator (i.e. [0028] of

Polizzi : "a user may configure his portal page to provide a dynamically updated portal page

which displays the status of an exception condition") based on information located in at least

one of said information sources (i.e. test for exceptions present when querying properties in

database [0066] of Polizzi, data retrieved from back-end database to see if notifications or

exception conditions are present [0094] of Polizzi) and on at least one status indicator threshold

(i.e. [0052] of Polizzi : "exceptions are conditions that appear in the output of a job that require

some ... threshold to monitor"), and responding to activation of a control on said display screen,

for invoking a function associated with said control on said display screen upon activation of

said control (i.e. [0030] of Polizzi : "a user can select content to be displayed in the display

window by selecting an appropriate link"). Polizzi does not teach a display screen including at

least one status indicator associated with a status indicator threshold.

     Cadiz teaches each display screen including at least one status indicator associated with a

status indicator threshold (i.e. [0017] of Cadiz : "The system and process of the present invention

then either automatically tracks or receives the current state of the information and

communications contacts described by the tickets, and dynamically provides current information

as well as availability and status of the communications contacts in an interactive "peripheral

awareness" interface for displaying the items."). It would have been obvious to an artisan at the time of the invention to combine the status indicator threshold of Cadiz with the computer-based display screen system of Polizzi in order to "display information and/or communications contacts in such a way as to minimize any potential distraction or interruption to the user ([0017] of Cadiz).

Regarding dependent claim 27, see the analysis of claim 25 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting an information display screen in accordance with claim 25, wherein a plurality of status indicator thresholds (i.e. [0005] of Polizzi : "allows a user to configure one or more exception conditions") are associated with a single status indicator (i.e.[0028] of Polizzi : "a user may configure his portal page to provide a dynamically updated portal page which displays the status of an exception condition"), and wherein said computer readable media containing computer executable code additionally includes computer executable code for selectively activating said status indicator differentially (i.e. test for exceptions present when querying properties in database [0066] of Polizzi, data retrieved from back-end database to see if notifications or exception conditions are present [0094] of Polizzi) depending on a relationship between said information located in at least one of said plurality of information sources (i.e. [0004] of Polizzi : "variety of content retrieved from a variety of different computer systems"; [0020] of Polizzi : "one or more back end databases"; [0047] of Polizzi : "more than one information source may be configured in the portal") or said intermediate datasource (i.e. [0005] of Polizzi : "converting data from back-end databases ... are stored within the portal system in a computer memory device called a repository"; [0038] of

Polizzi : "computer files, known as objects, are stored in the repository") and a corresponding

one of said plurality of status indicator thresholds (i.e. [0005] of Polizzi : "allows a user to

configure one or more exception conditions"; [0017] of Cadiz : "The system and process of the

present invention then either automatically tracks or receives the current state of the information

and communications contacts described by the tickets, and dynamically provides

current information as well as availability and status of the communications contacts in an

interactive "peripheral awareness" interface for displaying the items.").

Regarding independent claim 28, Polizzi teaches a computer-based system (i.e. [0004] of

Polizzi : "the computer system may also be referred to as a portal system") for presenting an

information display screen (i.e. Fig. 10, [0004] of Polizzi : "presents data to a user in an object

called a portal page"), comprising means for accessing a plurality of information sources (i.e.

[0004] of Polizzi : "variety of content retrieved from a variety of different computer systems";

[0020] of Polizzi : "one or more back end databases"; [0047] of Polizzi : "more than one

information source may be configured in the portal"), at least one of said information sources

being an intermediate data source (i.e. [0005] of Polizzi • "converting data from back-end

databases ... are stored within the portal system in a computer memory device called a

repository"; [0038] of Polizzi : "computer files, known as objects, are stored in the repository"),

means for linking said intermediate datasource to at least one additional information source

(i.e.[0041] of Polizzi : "electronically connected to ... the repository and at least one back-end

database"), means for generating a display screen template (i.e. Fig. 10, [0004] of Polizzi :

"presents data to a user in an object called a portal page"), said display screen template including

at least one control (i.e. [0006] of Polizzi : " portal object may contain a set of links

corresponding to ... jobs"; [0020] of Polizzi .: "hypertext li.nks to navigate through the portal

system"), each said at least one control having at least one function associated therewith (i.e.

[0006] of Polizzi : "clicking on that job will cause the job to be executed"; [0020] of Polizzi : "

provide instructions to the portal system"), said display screen template including at least one

status indicator (i.e. [0025] of Polizzi : "reflect an up-to-the-minute status of the corresponding

aspect"; [0028] of Polizzi : "dynamically updated portal page which displays the status"), means

for selectively activating said status indicator (i.e. [0028] of Polizzi : "a user may configure his

portal page to provide a dynamically updated portal page which displays the status of an

exception condition") based on information located in at least one of said information sources

(i.e. test for exceptions present when querying properties in database [0066] of Polizzi, data

retrieved from back-end database to see if notifications or exception conditions are present

[0094] of Polizzi) and on at least one status indicator threshold (i.e. [0052] of Polizzi :"

exceptions are conditions that appear in the output of a job that require some ... threshold to

monitor"), and means responsive to a control on said display screen template, for invoking a

function associated with said control on said display screen template upon activation of said

control (i.e. [0030] of Polizzi • "a user can select content to be displayed in the display window

by selecting an appropriate link"). Polizzi does not teach a display screen including at least one

status indicator associated with a status indicator threshold.

Cadiz teaches each display screen including at least one status indicator associated with a

status indicator threshold (i.e. [0017] of Cadiz • "The system and process of the present invention

then either automatically tracks or receives the current state of the information and

communications contacts described by the tickets, and dynamically provides current information

as well as availability and status of the communications contacts in an interactive "peripheral

awareness" interface for displaying the items.").

It would have been obvious to an artisan at the time of the invention to combine the status

indicator threshold of Cadiz with the computer-based display screen system of Polizzi in order to

"display information and/or communications contacts in such a way as to minimize any potential

distraction or interruption to the user ([0017] of Cadiz).

Regarding dependent claim 29, see the analysis of claim 28 above. Cadiz, in combination

with Polizzi teaches a computer-based system for presenting an information display screen in

accordance with claim 28, further comprising means for user authentication (i.e. [0024] of

Polizzi • "the authentication server is used to determine if a particular user should be granted

access to the portal system") for controlling access to predetermined information sources (i.e.

[0040] of Polizzi : "connect to various service agents in the portal system") based on user

identification information (i.e. [0040] of Polizzi : "checks the user's credentials and either allows

or disallows the user to connect").

Regarding dependent claim 30, see the analysis for claim 28 above. Cadiz, in

combination with Polizzi teaches a computer-based system for presenting an information display

screen in accordance with claim 28, wherein said display screen includes a display region (i.e.

[0083] of Polizzi : "display window") for presenting selected information to a user (i.e. [0083]

of Polizzi : "a corresponding object will be displayed in the display window") upon activation of

said control (i.e. [0083] of Polizzi : "by clicking on one of these links").

     Regarding dependent claim 34, see the analysis of claim 28 above. Cadiz, in combination

with Polizzi teaches a computer-based system for presenting an information display screen in

accordance with claim 28, wherein said function is an operation selected from the group

consisting of a hyperlink (i.e. seen specifically in [0004] and [0006] of Polizzi), a script (i.e. seen

specifically in [0050] of Polizzi), a program (i.e. seen specifically in [0004] and [0006] of

P01izzi), and a query (i.e seen specifically in [0050] and [0066] of Polizzi).

     Regarding dependent claim 35, see the analysis of claim 28 above. Cadiz, in combination

with Polizzi teaches a computer-based system for presenting an information display screen in

accordance with claim 28, wherein a plurality of status indicator thresholds (i.e. [0005] of Polizzi

: "allows a user to configure one or more exception conditions") are associated with a single

status indicator (i.e.[0005] of Polizzi : "indicate when some element"), and wherein said means

for selectively activating said status indicator differentially activates said status indicator

depending on a relationship between said information located in at least one of said information

sources and a corresponding one of said plurality of status indicator thresholds (i.e. test for

exceptions present when querying properties in database [0066] of Polizzi, data retrieved from

back-end database to see if notifications or exception conditions are present [0094] of Polizzi).

Regarding dependent claim 36, see the analysis of claim 27 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting an information display screen in accordance with claim 27, wherein said status indicator is capable of displaying more than two status indications (i.e. [0031] of Polizzi : "a user may add more than one indicator to the exception dashboard"). Regarding dependent claim 37, see the analysis of claim 27 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting an information display screen in accordance with claim 27, further comprising means, responsive to activation of said control (i.e. [0030] of Polizzi : "a user can select content to be displayed in the display window by selecting an appropriate link"), for displaying information based on information obtained from at least one of said plurality of information sources (i.e. [0004] of Polizzi : "variety of content retrieved from a variety of different computer systems"; [0020] of Polizzi : "one or more back end databases"; [0047] of Polizzi : "more than one information source may be configured in the portal"), in said display region (i.e. [0030] of Polizzi : " displayed in the display window by selecting an appropriate link").

Regarding dependent claim 38, see the analysis of claim 27 above. Cadiz, in combination with Polizzi teaches a computer-based system for presenting an information display screen in accordance with claim 27, further comprising means, responsive to activation of said control (i.e. [0030] of Polizzi : "a user can select content to be displayed in the display window by selecting an appropriate link"), for displaying information (i.e. [0030] of Polizzi : "displayed in the display window") based on information obtained from said intermediate datasource (i.e. [0005] of Polizzi : "converting data from back-end databases ... are stored within the portal system in a computer memory device called a repository"; [0038] of Polizzi :" computer files, known as

objects, are stored in the repository"), in said display region (i.e. [0030] of Polizzi : "displayed

in the display window by selecting an appropriate link").

Regarding dependent claim 39, see the analysis of claim 38 above. Cadiz, in combination

with Polizzi teaches a computer-based system for presenting an information display screen in

accordance with claim 38, wherein said means for linking said intermediate data source to at

least one additional information source (i.e. [0041] of Polizzi : "electronically connected to ... the

repository and at least one back-end database") obtains information from said at least One

additional information and stores said thus obtained information in said intermediate data source

(i.e. "converting data from back-end databases ... are stored within the portal system in a

computer memory device called a repository" [0005] of Polizzi, "computer files, known as

objects, are stored in the repository" [0038] of Polizzi).

Regarding dependent claim 40, see the analysis of claim 38 above. Cadiz, in combination

with Polizzi teaches a computer-based system for presenting an information display screen in

accordance with claim 38, wherein said means for linking said intermediate datasource to at least

one additional information source (i.e. [0041] of Polizzi : "electronically connected to ... the

repository and at least one back-end database") periodically obtains information from said at

least one additional information and stores said thus periodically obtained information in said

intermediate datasource (i.e. [0005] of Polizzi : "converting data from back- end databases ... are

stored within the portal system in a computer memory • device Called a repository"; [0038] of

Polizzi : "computer files, known as objects, are stored in the repository").

Regarding independent claim 41, Polizzi teaches a computer-based system (i.e. [0004] of

Polizzi : "the computer system may also be referred to as a portal system") for presenting an

information display screen (i.e. Fig. 10, [0004] of Polizzi : " presents data to a user in an object

called a portal page"), comprising a computer (i.e. [0024] of Polizzi : "standard computer"), an

interface device (i.e. [0022] of Polizzi : "interface between the various back end databased and a

user") adapted to connect said computer to a plurality of information sources (i.e. [0004] of

Polizzi : "variety of content retrieved from a variety of different computer systems"; [0020] of

Polizzi : "one or more back end databases"; [0047] of Polizzi : "more than one information

source may be configured in the portal"), a computer readable medium containing computer

executable code (i.e. "memory ... encoded with instructions" Claim 1) for generating a display

screen (i.e. [0004] of Polizzi : " presents data to a user in an object called a portal page"), said

display screen including at least one control (i.e. [0006] of Polizzi : "portal object may contain a

set of links corresponding to ,.. jobs"; [0020] of Polizzi : "hypertext links to navigate through the

portal system"), each said at least one control havingat least one function associated therewith

(i.e. [0006] of Polizzi : "clicking on that job will cause the job to be executed"; [0020] of Polizzi

: "provide instructions to the portal system"), said display screen including at least one status

indicator (i.e. [0025] of Polizzi :" reflect an up-to-the- minute status of the corresponding

aspect"; [0028] of Polizzi : "dynamically updated portal page which displays the status"), said

display screen further including a display region for presenting selected information to a user

upon activation of said control (i.e. [0030] of Polizzi : "a user can select content to be displayed

in the display window by selecting an appropriate link"), and wherein said computer readable

media containing computer executable code additionally includes computer executable code for

selectively activating said status indicator (i.e. "a user may configure his portal page to provide a

dynamically updated portal page which displays the status of an exception condition" [0028] of

Polizzi) based on information located in at least one of said information sources (i.e. test for

exceptions present when querying properties in database [0066] of Polizzi, data retrieved from

back-end database to see if notifications or exception conditions are present [0094] of Polizzi)

and on at least one status indicator threshold (i.e. "exceptions are conditions that appear in the

output of a job that require some ... threshold to monitor" [0052] of Polizzi), and responding to

activation of a control on said display screen (i.e. "a user can select content to be displayed in the

display window by selecting an appropriate link" [0030] of Polizzi), for generating a multi-axis

(i.e. X and Y axis in 1045 of Polizzi) scorecard display based on data stored in at least one of

said plurality of information sources (i.e. "a user may request that the portal system produce a

graph" [0022] of Polizzi) and presenting said scorecard display in said display region

(i.e."presented to the user through his browser program" [0022] of Polizzi) upon activation of

said control (i.e. "upon receiving the request" through clicking a link [0022] of Polizzi). Polizzi

does not teach a display screen including at least one status indicator associated with a status

indicator threshold. Cadiz teaches each display screen including at least one status indicator

associated with a status indicator threshold (i.e. [0017] of Cadiz : "The system and process of the

present invention then either automatically tracks or receives the current state of the information

and communications contacts described by the tickets, and dynamically provides current

information as well as availability and status of the communications contacts in an interactive

"peripheral awareness" interface for displaying the items.").

It would have been obvious to an artisan at the time of the invention to combine the status

indicator threshold of Cadiz with the computer-based display screen system of Polizzi in order to

"display information and/or communications contacts in such a way as to minimize any potential

distraction or interruption to the user ([0017] of Cadiz).

Cadiz further teaches means for linking an intermediate data source to at least one

additional information source (i.e. [0024] of Cadiz : "Consequently, the customizable ticket

includes instructions for using a "service" for linking to the remote server hosting the electronic

file such that the can collect the statistical information as it becomes available"; [0080] of Cadiz :

" Consequently, the customizable ticket 210 for watching or tracking the electronic file that the

user is interested in includes instructions for using one or more of the services 230 for linking or

connecting to the electronic file"), and wherein at least one of said plurality of information

sources is an intermediate data source (i.e. [0088] of Cadiz "communicate or interact with a

particular information source or sources 240 so that such items can successfully retrieve, receive,

or interact with information from any such sources").

Regarding dependent claim 43, see the analysis of claim 42 above· Cadiz, in combination

with Polizzi teaches a computer-based system for presenting an information display screen in

accordance with claim 42, wherein said computer executable code for generating a multi-axis

scorecard display (i.e. X and Y axis in 1045 of Polizzi) is adapted to generate a multi-axis

scorecard display (i.e. X and Y axis in 1045 of Polizzi) based on data stored in at least one of

said plurality of information sources (i.e. [0022] of Polizzi : "a user may request that the portal

system produce a graph") and on data stored in said intermediate data source (i.e. [0005] of

Polizzi : "converting data from back-end databases ... are stored

within the portal system in a computer memory device called a repository", [0038] of Polizzi :

"computer files, known as objects, are stored in the repository").

      Regarding dependent claim 44, see the analysis of claim 41 above. Cadiz, in combination

with Polizzi teaches a computer-based system for presenting an information display screen in

accordance with claim 41, wherein said computer executable code for generating a multi-axis

(i.e. X and Y axis in 1045 of Polizzi) scorecard display is adapted to generate a multi-axis (i.e. X

and Y axis in 1045 of Polizzi) scorecard display based on data stored in at least two of said

plurality of information sources (i.e. [0004] of Polizzi : "variety of content retrieved from a

variety of different computer systems"; [0020] of Polizzi : "one or more back end databases";

[0047] of Polizzi : " more than one information source may be

configured in the portal").

      Regarding independent claim 48, Polizzi teaches a computer-implemented method,

comprising: receiving a user input to display information from a plurality of direct data sources

(i.e. [0025] of Polizzi : "Because these jobs utilize data that is retrieved directly from the back-

end databases, the output reports generated by these jobs reflect an up-to-the-minute status of the

corresponding aspect of the enterprise"), the direct data sources further comprising information

of a plurality of data types (i.e. [0062] of Polizzi : "Each repository 235 is assigned certain

properties 700 including a name, a host, a database type, and a database server"), in successive,

differing levels of detail (i.e. [0003] of Polizzi : "For example, an individual in the sales division

may need to know the current inventory levels for a product in the manufacturing division to

determine what price should be set for the product"); and displaying the information from the

data source in accordance with the user input (i.e. [0022] of Polizzi : "Upon receiving the

request, the portal system 120 would retrieve yield data from manufacturing back-end database

135 and process that data to generate a bar chart corresponding to the user's request'!), the

displayed information having been populated from the direct data sources (i.e. [0092] of Polizzi :

"This metadata indicates which portal objects should also be retrieved from the repository 235 in

order to populate the portal page 1000"). Polizzi does not teach an intermediate data source.

Cadiz teaches an intermediate datasource and at least one additional information source

(i.e. [0024] of Cadiz : "Consequently, the customizable ticket includes instructions for using a

"service" for linking to the remote server hosting the electronic file such that the can collect the

statistical information as it becomes available"; [0080] of Cadiz : "Consequently, the

customizable ticket 210 for watching or tracking the electronic file that the user is interested in

includes instructions for using one or more of the services 230 for linking or connecting to the

electronic file"). It would have been obvious to an artisan at the time of the invention to combine

the use of intermediate datasources of Cadiz with the use of direct datasources of Polizzi in order

to "communicate or interact with a particular information source or sources 240 so that such

items can successfully retrieve, receive, or interact with information from any such sources"

([0088] of Cadiz).

Claim 49 is similar in scope to claim 16, differing primarily in that claim 16 is directed towards a computer-based system and claim 49 is directed toward a computer-implemented method, and is therefore rejected under similar rationale.

Regarding dependent claim 50, see the analysis of claim 48 above. Cadiz, in combination with Polizzi teaches the computer-implemented method of claim 48, wherein the direct datasources comprise at least one of SAP databases, Oracle databases, flat file databases, SQL databases, XML databases, retrieve databases, Access databases, FoxPro databases, Excel files, computer-aided design files, PowerPoint files, and TIF data sources (i.e. [0039] of Polizzi : "Oracle Reports, SAP Reports, etc"; [0008] of Polizzi : "databases, XML formatted text, etc").

Regarding dependent claim 51, see the analysis of claim 48 above. Cadiz, in combination with Polizzi teaches the computer-implemented method of claim 48, wherein the data types include at least one of a database, a file, and a streaming data type (i.e. [0039] of Polizzi : "Oracle Reports, SAP Reports, etc"; [0008] of Polizzi :"databases, XML, formatted text, etc").

Regarding dependent claim 52, see the analysis of claim 48 above. Cadiz, in combination with Polizzi teaches the computer-implemented method of claim 48, wherein receiving the user input and displaying the information in successive, differing levels of detail includes: displaying a first set of information including an indicator and a display function invoked upon selection of

the indicator (i.e. [0006] of Polizzi : "Each portal object may contain a set of links corresponding

to output reports, jobs, or other objects stored within the repository");

receiving a user input selecting the indicator and invoking the display function; executing

the display function to display a second set of information including a second indicator and a

second display function invoked upon selection of the second indicator (i.e. [0031] of Polizzi •

"A user may add more than one indicator to the exception dashboard, such that there is a

corresponding indicator for each exception condition that he has subscribed to"); and iterating

the receiving and the executing (i.e. [0022] of Polizzi • "Upon receiving the request, the portal

system 120 would retrieve yield data from manufacturing back-end database 135 and process

that data to generate a bar chart corresponding to the user's request").

Regarding dependent claim 53, see the analysis of claim 48 above. Cadiz, in combination

with Polizzi teaches the computer-implemented method of claim 48, further comprising

populating the intermediate data source (i.e. [0092] of Polizzi • "This metadata indicates which

portal objects should also be retrieved from the repository 235 in order to populate the portal

page 1000") from the native data sources (i.e. [0088] of Cadiz • "communicate or interact with a

particular information source or sources 240 so that such items can successfully retrieve, receive,

or interact with information from any such sources").

Regarding dependent claim 54, see the analysis of claim 53 above. Cadiz in combination

with Polizzi teaches the computer implemented method of claim53, wherein populating the

intermediate data source includes one of copying the data, linking the data, and streaming the

data from the native databases (i.e. [0081] of Polizzi • "Users to whom permission is granted can

publish their own portal pages for others to copy"; [0006] of Polizzi • "Each portal object may

contain a set of links corresponding to output reports, jobs, or other objects stored within the

repository").

Regarding dependent claim 55, see the analysis of claim 53 above. Cadiz, in combination

with Polizzi teaches the computer-implemented method of claim 53, wherein populating the

intermediate data source includes assigning security protocols information in the native data

source (i.e. [0040] of Polizzi :" To provide for system security an authentication server 220 is

provided").

Regarding dependent claim 56, see the analysis of Claim 53 above. Cadiz, in combination

with Polizzi teaches the computer-implemented method of claim 53, wherein populating the

intermediate data source includes backing up at least a portion of the native data sources (i.e.

[0092] of Polizzi : "This metadata indicates which portal objects should also be retrieved from

the repository 235 in order to populate the portal page 1000").

Regarding dependent claim 57, see the analysis of Claim 53 above. Cadiz, in combination

with Polizzi teaches the computer-implemented method of claim 53, wherein populating the

intermediate data source includes translating the data type to another data type (i.e. [0062] of

Polizzi : "Each repository 235 is assigned certain properties 700 including a name, a host, a

database type, and a database

server").

Regarding dependent claim 58, see the analysis of claim 48 above. Cadiz, in combination with Polizzi teaches the computer-implemented method of claim 48, further comprising: receiving a second user input to display information from the native data source; and displaying the information from the native data sources responsive to the second user input (i.e. [0095] of Polizzi : "In some instances, the input can be provided by an INPUT object associated with the job in the repository ... In other instances, the input must be provided by the user 100 as the job executes").

Regarding independent claim 59, Polizzi teaches a program storage medium encoded with instructions that, when executed by a computer, perform a method, the method comprising: receiving a user input to display information from a plurality of direct datas0urces (i.e. [0025] of Polizzi : "Because these jobs utilize data that is retrieved directly from the back-end databases, the output reports generated by these jobs reflect an up-to-the-minute status of the corresponding aspect of the enterprise"), the direct data sources further comprising information of a plurality of data types (i.e. [0062] of Polizzi : "Each repository 235 is assigned certain properties 700 including a name, a host, a database type, and a database server"), in successive, differing levels of detail (i.e. [0003] of Polizzi : "For example, an individual in the sales division may need to know the current inventory levels for a product in the manufacturing division to determine what price should be set for the product'"); and displaying the information from the data source in accordance with the user input (i.e. [0022] of Polizzi :"Upon receiving the request, the portal

system 120 would retrieve yield data from manufacturing back-end database 135 and process

that data to generate a bar chart corresponding to the user's request"), the displayed information

having been populated from the direct data sources (i.e. [0092] of Polizzi : "This metadata

indicates which portal objects should also be retrieved from the repository 235 in order to

populate the portal page 1000"). Polizzi does not teach an intermediate data source.

Cadiz teaches an intermediate data source and at least one additional information source

(i.e. [0024] of Cadiz • "Consequently, the customizable ticket includes instructions for using a

"service" for linking to the remote server hosting the electronic file such that the can collect the

statistical information as it becomes available"; [0080] of Cadiz • "Consequently, the

customizable ticket 210 for watching or tracking the electronic file that the user is interested in

includes instructions for using one or more of the services 230 for linking or connecting to the

electronic file"). It would have been obvious to an artisan at the time of the invention to combine

the use of intermediate data sources of Cadiz with the use of direct data sources of Polizzi in

order to "communicate or interact with a particular information source or sources 240 so that

such items can successfully retrieve, receive, or interact with information from any such sources"

([0088] of Cadiz).

Claim 60 is similar in scope to claim 52, differing primarily in that claim 52 is directed

towards a computer-implemented method and claim 60 is directed toward a program storage

medium, and is therefore rejected under similar rationale.

Claim 61 is similar in scope to claim 53, differing primarily in that claim 53 is directed

towards a computer-implemented method and claim 61 is directed toward a program storage

medium, and is therefore rejected under similar rationale.

Claim 62 is similar in scope to claim 58, differing primarily in that claim 58 is directed

towards a computer-implemented method and claim 62 is directed toward a program storage

medium, and is therefore rejected under similar rationale.

Regarding independent claim 63, Polizzi teaches a computer programmed to perform a

method, the method comprising: receiving a user input to display information from a plurality of

direct data sources (i.e. [0025] of Polizzi • "Because these jobs utilize data that is retrieved

directly from the back-end databases, the output reports generated by these jobs reflect an up-to-

the-minute status of the corresponding aspect of the enterprise"), the direct data sources further

comprising information of a plurality of data types (i.e. [0062] of Polizzi • "Each repository 235

is assigned certain properties 700 including a name, a host, a database type, and a database

server"), in successive, differing levels of detail (i.e. [0003] of Polizzi • "For example, an

individual in the sales division may need to know the current inventory levels for a product in the

manufacturing division to determine what price should be set for the product"); and displaying

the information from the data source in accordance with the user input (i.e. [0022] of Polizzi

""Upon receiving the request, the portal system 120 would retrieve yield data from

manufacturing back-end database 135 and process that data to generate a bar chart corresponding

to the user's request"), the displayed information having been populated from the direct data

sources (i.e. [0092] of Polizzi • "This metadata indicates which portal objects should also be

retrieved from the repository 235 in order to populate the portal page 1000").

Polizzi does not teach an intermediate datasource. Cadiz teaches an intermediate

datasource and at least one additional information source (i.e. [0024] of Cadiz : "Consequently,

the customizable ticket includes instructions for using a "service" for linking to the remote server

hosting the electronic file such that the can collect the statistical information as it becomes

available"; [0080] of Cadiz : "Consequently, the customizable ticket 210 for watching or tracking

the electronic file that the user is interested in includes instructions for using one or more of the

services 230 for linking or connecting to the electronic file").

It would have been obvious to an artisan at the time of the invention to combine the use

of intermediate datasources of Cadiz with the use of direct datasources of Polizzi in order to

"communicate or interact with a particular information source or sources 240 so that such items

can successfully retrieve, receive, or interact with information from any such sources" ([0088] of

Cadiz).

Claim 64 is similar in scope to claim 52, differing primarily in that claim 52 is directed

towards a computer-implemented method and claim 64 is directed toward a computer, and is

therefore rejected under similar rationale.

Claim 65 is similar in scope to claim 53, differing primarily in that claim 53 is directed

towards a computer-implemented method and claim 65 is directed toward a computer, and is

therefore rejected under similar rationale.

Claim 66 is similar in scope to claim 58, differing primarily in that claim 58 is directed

towards a computer-implemented method and claim 66 is directed toward a computer, and is

therefore rejected under similar rationale.

Regarding independent claim 67, Polizzi teaches a computing system, comprising: a

plurality of native data sources (i.e. [0025] of Polizzi : "Because these jobs utilize data that is

retrieved directly from the back-end databases, the output reports generated by these jobs reflect

an up-to-the-minute status of the corresponding aspect of the enterprise") further comprising

information of a plurality of data types (i.e. [0062] of P01izzi : "Each repository 235 is assigned

certain properties 700 including a name, a host, a database type, and a database server"); a data

source populated from the native data sources; a plurality of user computers; and a utility

responsive to input from the user computers to customize the interaction of users with

information in the native datasources when invoked and, in each interaction, capable of:

receiving a user input to display information from the native datasources in successive, differing

levels of detail (i.e. [0003] of Polizzi : "For example, an individual in the sales division may need

to know the current inventory levels for a product in the manufacturing division to determine

what price should be set for the product"); and displaying the information from the interrrmediate

datasoarce in accordance with the user input (i.e. [0022] of Polizzi : "Upon receiving the request,

the portal system 120 would retrieve yield data from manufacturing back-end database 135 and

process that data to generate a bar chart corresponding to the user's request"), the displayed information having been populated from the native datasources (i.e. [0092] of Polizzi : "This metadata indicates which portal objects should also be retrieved from the repository 235 in order to populate the portal page 1000"). Polizzi does not teach an intermediate datasource.

Cadiz teaches an intermediate datasource and at least one additional information source (i.e. [0024] of Cadiz : "Consequently, the customizable ticket includes instructions for using a "service" for linking to the remote server hosting the electronic file such that the can collect the statistical information as it becomes available"; [0080] of Cadiz : "Consequently, the customizable ticket 210 for watching or tracking the electronic file that the user is interested in includes instructions for using one or more of the services 230 for linking or connecting to the electronic file").

It would have been obvious to an artisan at the time of the invention to combine the use of intermediate datasources of Cadiz with the use of direct datasources of Polizzi in order to "communicate or interact with a particular information source or sources 240 so that such items can successfully retrieve, receive, or interact with information from any such sources" ([0088] of Cadiz).

Claim 68 is similar in scope to claim 52, differing primarily in that claim 52 is directed towards a computer-implemented method and claim 68 is directed toward a program computing system, and is therefore rejected under similar rationale.

Claim 69 is similar in scope to claim 53, differing primarily in that claim 53 is directed

towards a computer-implemented method and claim 69 is directed toward a program computing

system, and is therefore rejected under similar rationale.

Claim 70 is similar in scope to claim 58, differing primarily in that claim 58 is directed

towards a computer-implemented method and claim 70 is directed toward a program computing

system, and is therefore rejected under similar

rationale.

(10) Response to Argument

Appellant's arguments focused on the following:

A) Whether Polizzi et al and Cadiz teach "an intermediate database" or "an intermediate

data source?"

A) Caidz teaches an intermediate data source because its ticket database is an

intermediate source. (see figure 2. item 210; paragraph 0079)   Caidz's ticket database is a

transitional database that links remote information database (see Cadiz's paragraph 0080; figure

2, item 240) with software application that provides display to end users. (see Cadiz's paragraph

0082) Similarly, appellants' intermediate database also is a transitional database that links

remote databases to an interface application. (see appellant's specification paragraph 0096-97)

Therefore, Caidz's ticket database is clearly an intermediate database/data source.

(11) Related Proceeding(s) Appendix

No decision rendered by a court or the Board is identified by the examiner in the Related

Appeals and Interferences section of this examiner's answer.

For the above reasons, it is believed that the rejections should be sustained.

Respectfully submitted,

Peng Ke

/Peng Ke/

Examiner, Art Unit 2174

Conferees:

/David A Wiley/
Supervisory Patent Examiner, Art Unit 2174

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Primary Examiner, Art Unit 2174